



G-12 Cargo Parachute Assembly

Technical Data Sheet

Part Numbers

G-12D Assembly

NSN: 1670-00-893-2371
P/N: 55A6045

Consist of:
Canopy: 48K6076
D-Bag: 11-1-3967-1
Pilot Chute: 53E6803-1
Deployment Line: 53D6805
Static Line: 59J6171
Risers: 51D6183

G-12E Assembly

NSN: 1670-01-065-3755
P/N: 11-1-2620

Consist of:
Canopy: 48K6076
D-Bag: 11-1-3967-1
Pilot Chute: 53E6803-1
Deployment Line: 53D6805
Static Line: 59J6171
Risers: 51D6183
Center Line: 11-1-568

General Information

The G-12 64ft (19.5m) Cargo Parachute Assembly was developed primarily for use in the deceleration and stabilization of bulk-type platform air delivery cargo loads. The G-12 can be used singularly or in clusters of two or more, depending upon air delivery load weight, and can be dropped from minimum altitudes ranging from 475ft AGL (144.7m) to 550 ft AGL (167.6m). In its basic configuration, the G-12 is capable of supporting up to 2,200-lbs (1,028kg) pound payload and when in a cluster of two, the assembly is capable of supporting up to 3,500-lbs (1,587kg).

Difference Between Models

Note: The G-12D & G-12E assemblies are different because of rigging configurations.

Model	Difference
G-12D	Rigged with no centerline.
G-12E	Rigged using 57ft (17.37m) centerline to pull down canopy vent.

** Suspended Weight in Pounds**

Type	Parachutes	Minimum	Maximum
G-12E	1	501 (227kg)	2,200 (997.9kg)
	2	2,270 (1,029.7kg)	3,500 (1587.5kg)

Suspended weight in pounds is the total rigged weight less the weight of the cargo parachutes

All G-12 64 ft. Cargo Assemblies are manufactured in strict accordance with Cargo Parachute U.S. Military Specifications MIL-DTL-7620 and MIL-STD-849, latest revisions.

All G-12 64 ft. Cargo Assemblies are preserved, packaged and packed in accordance with U.S. Military Specifications or customer's specific packaging instructions.

G-12 Series Characteristics

Shape..... Flat Circular
Diameter (nominal) 64ft (19.5m)
Gore material..... 2.25oz, type I , nylon parachute cloth
Number of suspension lines 64
Suspension line material..... Type IV , PIA-C-7515, 1,000lbs (450kg) tensile strength
Length of suspension line..... 51 ft. (15.5m)
Suspension Riser Assemblies..... 2
Suspension Riser Length..... 60 ft (18.28m)
Complete Assembly Weight..... 125 lbs (57 kg)
Maximum Payload Capacity..... 2,200 lbs (997.9kg)

Pilot Chute

Shape..... Flat Octagonal
Diameter..... 68-inches (1727mm)
Canopy Material..... 1.1 oz. PIA-C-7020, type I ripstop nylon parachute cloth

